



mulberry

Academy Woodside

Parents and Carers Webinar
Study Smarter, Not Harder

Session Overview

1. What is 'revision' and why is it important?
1. What does ineffective revision look like?
1. What does effective revision look like?
1. How can I offer support without being a subject expert?

Study smarter, not harder

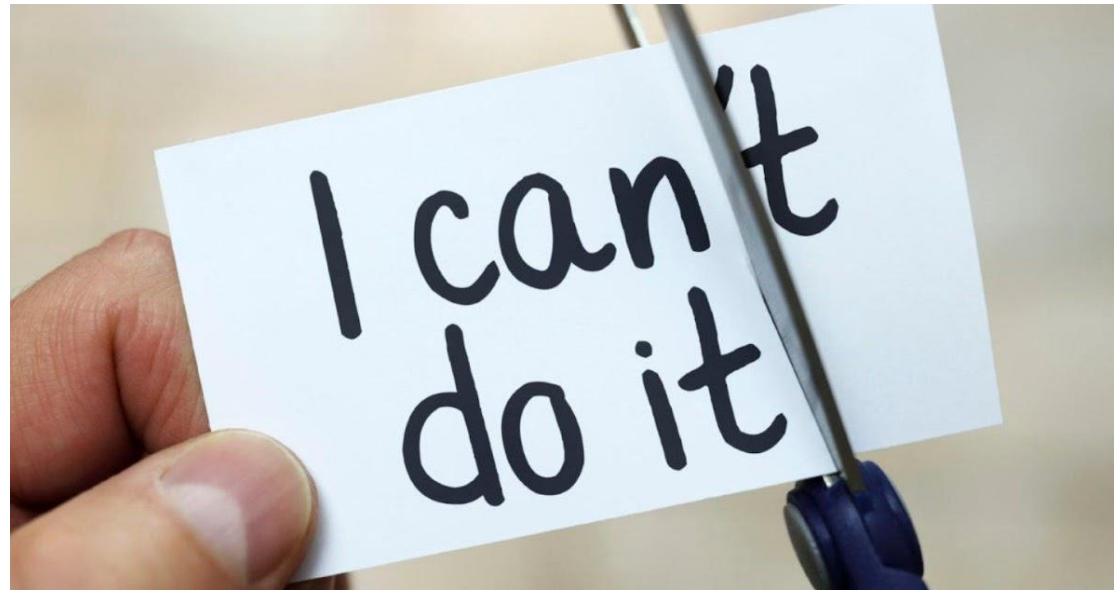
“Excellence is never an accident. It is always the result of high intention, sincere effort, and intelligent execution; it represents the wise choice of many alternatives - choice, not chance, determines your destiny.”

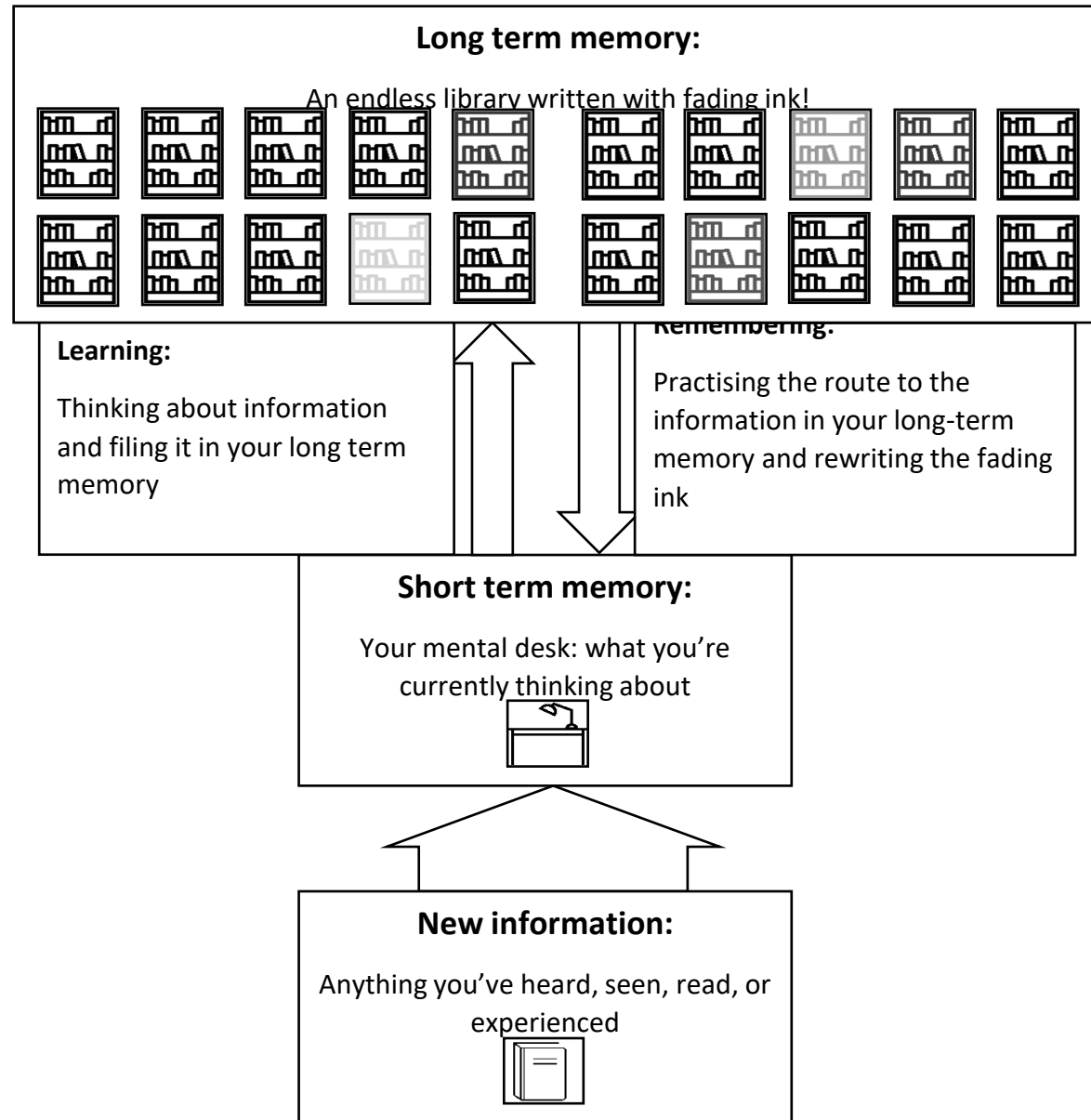
Excellence is never an accident.

1. Clear revision plan
2. Materials and resources
3. Proven effective revision strategies
4. Focus and concentration
5. Support structures

Motivation

Start with your why





Knowledge and understanding over time

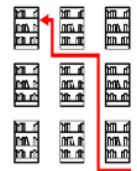
Whenever you revise, you are doing one of three things:



1. Finding and closing gaps in your knowledge.



2. Strengthening fading knowledge in your long term memory.



3. Practising recalling knowledge quickly.

Creating a chunked revision timetable

Chunking and Spacing Revision Timetable

Monday	Tuesday	Wednesday	Thursday	Friday																														
Date: _____	Date: _____	Date: _____	Date: _____	Date: _____																														
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Mulberry Academy Woodside

Providing exceptional educational experiences for every child, every day.

Study resources



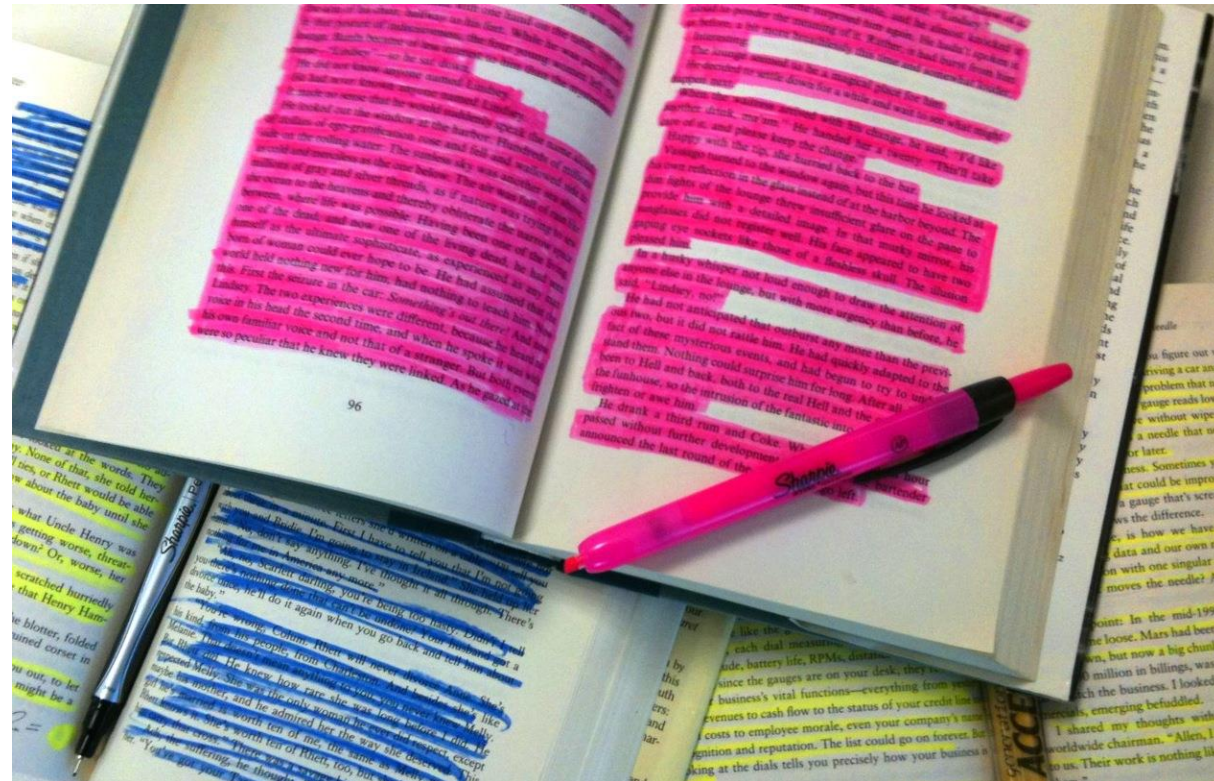
Excellence is never an accident.

1. Clear revision plan
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5. Support structures

Not all revision techniques are equal



But why isn't highlighting effective?



- 1) Does not automatically help memory
- 1) Can allow students to think they've highlighted key information and they haven't
- 1) Students highlight too much

Not all revision techniques are equal



But what's wrong with re-reading?



- 1) Does not automatically help secure memory
- 1) Can give a false sense of security

Not all revision techniques are equal

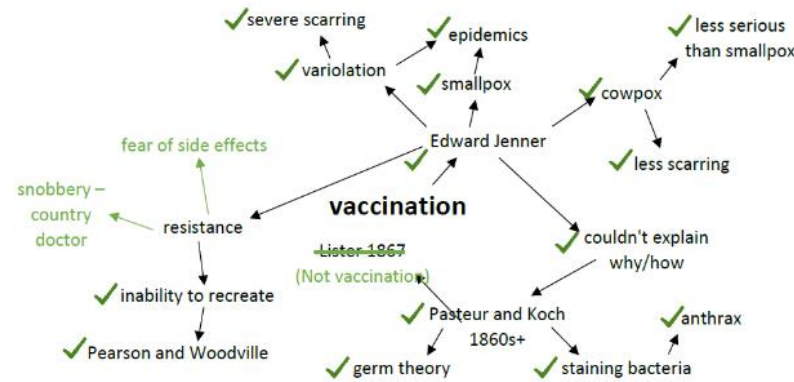


Why you shouldn't cram

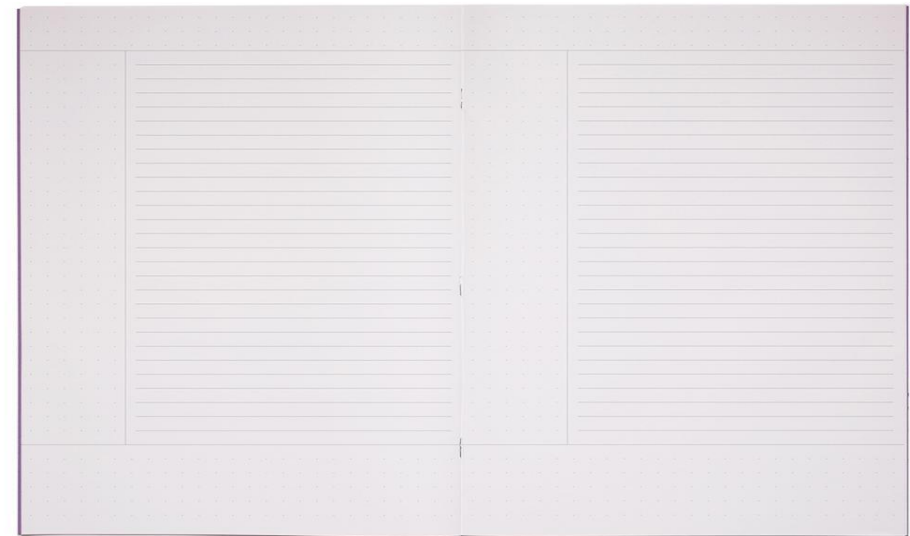


- 1) Leads students to make unhealthy choices
- 1) Doesn't support memory at all

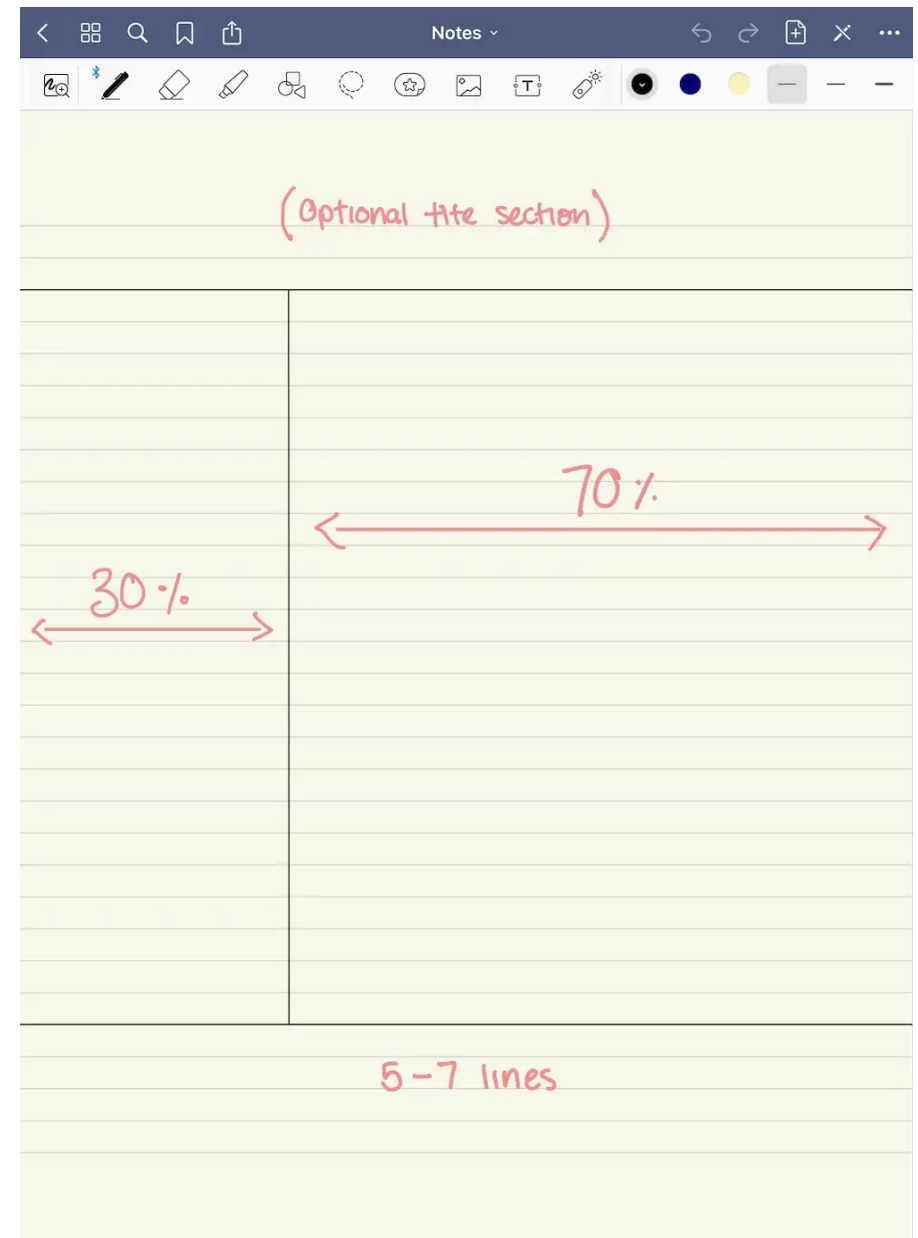
So, if that's ineffective revision then what is effective?



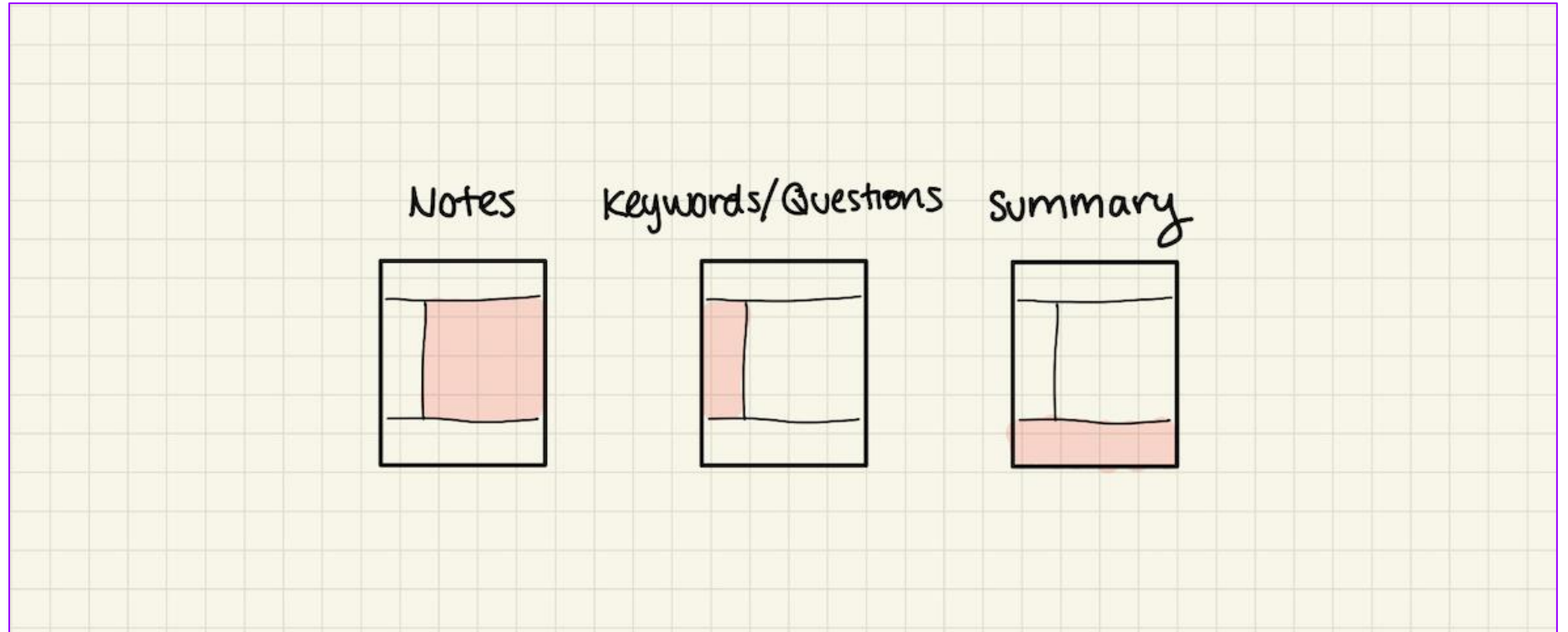
Cornell Notes



Cornell Notes



Cornell Notes

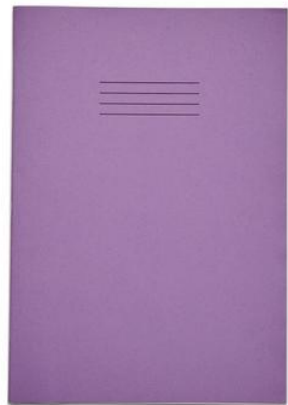


Cornell Notes



Topic:	
Recall cues	Notes
Summary	


Cornell Notes



	Laws	Deterrence	Retribution
Topic:	Medieval Crime + Punishment 1000-1500		
Recall cues	Notes		
Anglo-Saxon 1000-1066	Crime against: Person = Murder → Wergild Property = Petty theft → Fines Authority = Treason → Maiming → Hanging	Wergild Fines Maiming Hanging	Collective Responsibility H+C Trthing Trial by Ordeal +
Norman	Forrest Law ↓ Focking	Murdrum ↓ Centralisation of Power Δ↑	Trial by Combat
Later Middle Ages	1351 - Statute of Labourers 1351 - Heresy 1382 ↑ High Treason	Hung, drawn + quartered	Parish Constable Watchmen
Factors	power - William I - control Monarch kings peace Henry II	centralisation	Religion + clergy = educated high control over population
Church	lenient Church Courts	40 days Sanctuary	1215 ends Trial by ordeal neck verse Benefit of the Clergy
Summary	<ul style="list-style-type: none">- Definitions of crime, particularly against authority saw change as monarchs attempted to establish control + centralise- Punishment increasingly aimed to deter- The community continued to play a big role in law enforcement and remained effective- The Church was a powerful institution with significant influence on approaches to crime and punishment		

Cornell Notes



Topic: Electrolysis	
Questions:	Notes:
How is electrolysis carried out?	 <p>D.C. power supply electrode * needs DC power supply electrolyte * aqueous or molten electrolyte.</p>
How do we know what is produced at each electrode?	<p>Cathode is negatively charged → cations are attracted. ↳ metals + hydrogen form cations. ↳ least reactive cation is discharged</p> <p>Anode is positively charged → anions are attracted. ↳ non-metals + polyatomic ions ↳ most reactive anion is discharged. ↳ if sulfate is present then oxygen is discharged. ↳ hydroxide always remains in solution.</p>
What happens to cations at the cathode?	<p>cations <u>gain</u> electrons ↳ they are oxidised e.g. $X^{2+} + 2e^- \rightarrow X$ ↳ will form deposit on cathode.</p>
What happens to anions at the anode?	<p>anions <u>lose</u> electrons ↳ they are reduced. e.g. $2Y^- \rightarrow Y_2 + 2e^-$ ↳ bubbles of gas will form at anode.</p>
Summary:	
<ul style="list-style-type: none">• electrolysis needs an electrolyte + DC power supply• cations are oxidised and anions are reduced.• the products of electrolysis depend on the relative reactivity of the ions	

Flashcards



1861

Pasteur published his paper about germ theory.

groynes

A low wall on the coastline which slows longshore drift

osmosis

Net movement of water from a high concentration to low concentration across a partially permeable membrane

Where is the pharmacy?

Où est la pharmacie?

Flashcards



When making and using flashcards:

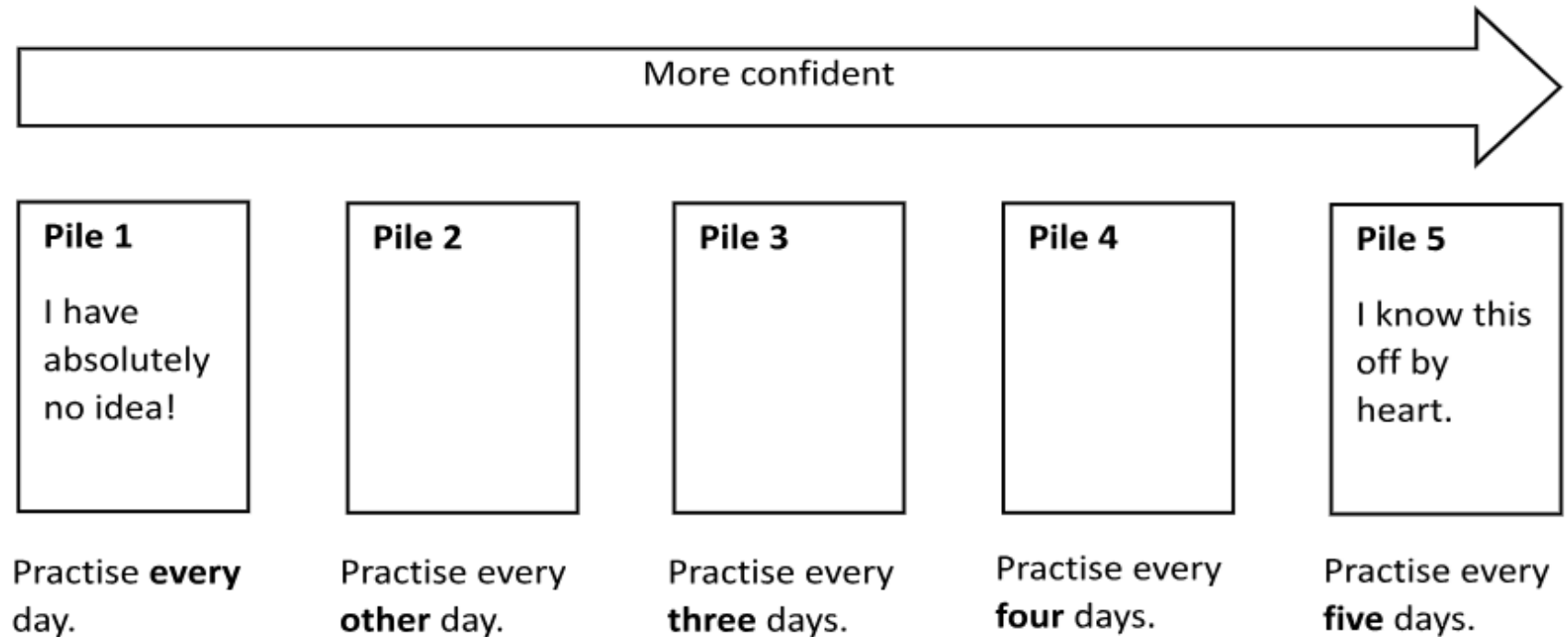
Do:

- ✓ ...make flashcards quickly.
- ✓ ...put a single piece of information of each flashcard.
- ✓ ...sort your flashcards according to your confidence with them (see below).
- ✓ ...test yourself on the flashcards from memory.

Don't:

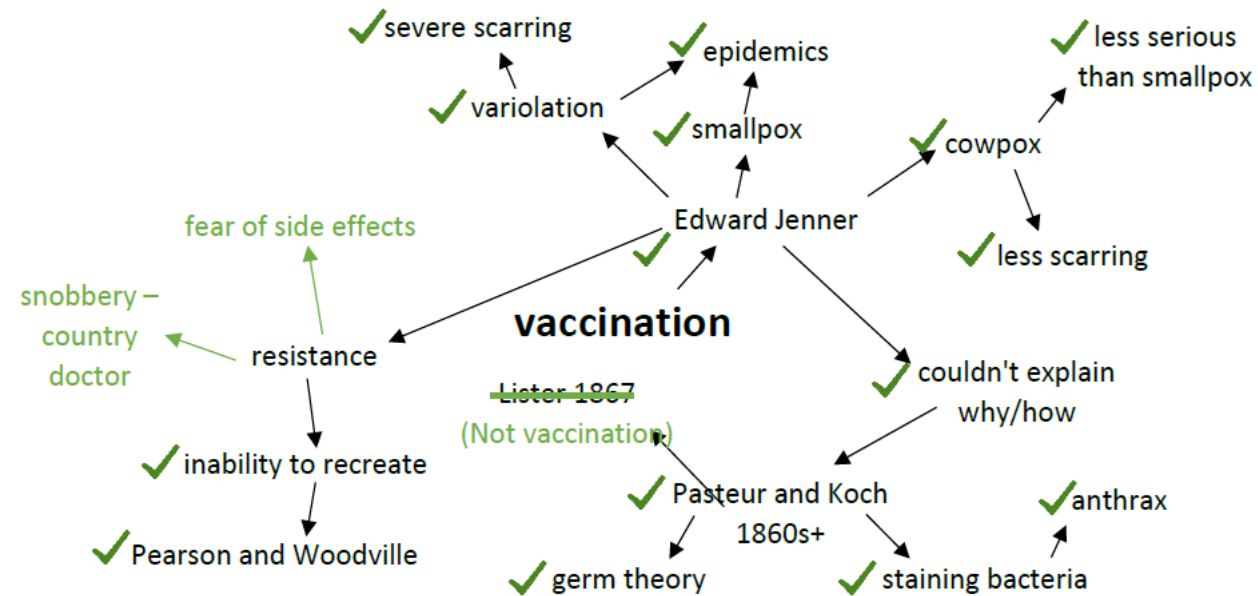
- X ...spend more time *making* flashcards than actually using them.
- X ...put lots of information onto each flashcard.
- X ...revise the flashcards in the same order every time that you use them.
- X ...only read through flashcards.

Flashcards and spaced practice



Knowledge Dumps

A knowledge dump is when you write down everything you can remember about a topic. They are a useful tool for finding out what you know and where the gaps are in your knowledge.



Knowledge Dumps

When writing knowledge dumps:

Do:

- ✓ ...write from memory.
- ✓ ...check what you have written against a textbook or knowledge organiser.
- ✓ ...connect information together in a spider diagram format (see below). This will allow you to remember more.

Don't:

- X ...copy information from textbooks and knowledge organisers.
- X ...assume that everything you have written is correct.
- X ...write a list (see below).

Knowledge Dumps

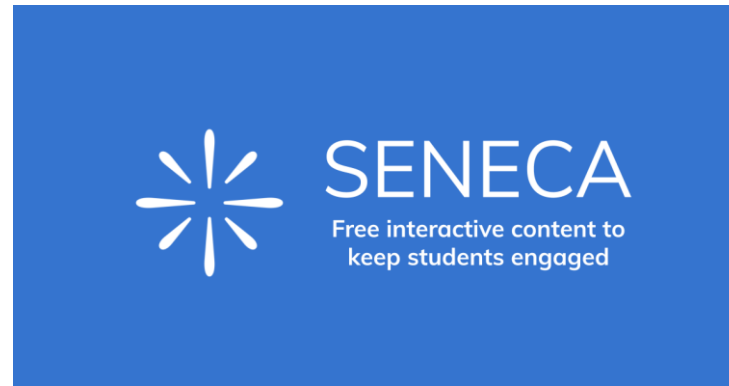
How to write a knowledge dump:

1. Use an empty piece of paper and write the date at the top of the page.
2. Without any support, write down the first thing you can remember about the topic you have chosen. Use single words or phrases.
3. As this fact triggers more information, write those facts down. Connect the facts together with lines or arrows.
4. Once you can't remember anything else about the area you started writing about, try to remember another fact to start another 'web' of knowledge. Stop once you can't remember anything else.
5. Using a knowledge organiser or textbook, check and correct your knowledge using a different coloured pen.
6. Keep your knowledge dump. This will allow you to compare knowledge dumps over time so you can see your success.
7. Note down what you corrected or added. Practise these gaps using flashcards or quizzing.

Helpful Websites



<https://www.learningscientists.org/>

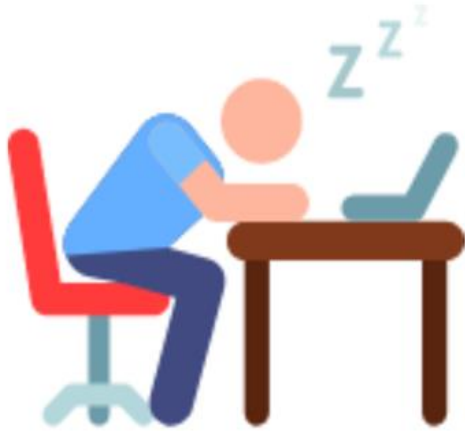


<https://www.senecalearning.com>



<https://www.tassomai.com>

Support structures



Support through challenge

- 1) Are you revising?
- 1) Can you show me how you're revising?
- 1) Are you using one of the strategies you've been shown in school?
- 1) Would you like me to test you on your content?

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Any questions?

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